LIST OF PATENTS AND THE LIST TIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648	CONFIRM NO. 2049
APPLICANT HADLACZKY et al.	CUSTOMER N 24961	10.
FILING DATE	GROUP	Right of Strain

^{*} If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by of submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. § 1.98(d).

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code			CUME	ENT NUMBER			İ	DATE	NAME	C	CLASS			FILING DATE					
NONE															1					
					FO	REI	GN	PA.	TENT	DOCUM	MENTS									
EXAMINE INITIAL			R *Ref. Code					DO	CUME	NT N	UMB	ER	•	DATE	COUNTRY	CLASS	SI CLA		Trans 'es	slation No
NONE			\Box																	

TN	ſ	A	Albertsen et al., "Construction and characterization of a yeast artificial chromosome library containing seven haploid human genome equivalents", PNAS, 87:4256-42-60 (2000)
		В	Berlani et al., "Genomic organization of two families of highly repeated nuclear DNA sequences of maize selected for autonomous replicating activity in yeast", Plant Molecular Biol., 11:161-172 (1988)
		C	Berlani et al., "Sequence analysis of three fragments of maize nuclear DNA which replicate autonomously in yeast", Plant Molecular Biol., 11:173-182 (1988)
		D	Blackburn et al., BOOK: <u>Telomeres</u> , Chapter 13, "Plant Telomeres", Cold Spring Harbor Laboratory Press, pp. 371-387 (1995)
		Е	Brown et al., "Artificial chromosomes: ideal vectors?", TIBTECH, 18:218-223 (2000)
		F	Dausset et al., "The CEPH YAC Library", Behring Inst. Mitt., 91:13-20 (1992)
		G	Dixon et al., "Engineering Chimeras for Noah's Ark", Hastings Cent. Rep., 14(2):10-12 (1984)
TN_	T	н	Dresser, B.L., "Indian Desert Cat Birth Makes History", Cat News: Issue 11 #19, pgs. 1-3 (1989)

EXAMINER	()	Muller

DATE CONSIDERED 10.31.03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

⁺ Derwent English language abstract and/or English translation provided.

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648	CONFIRM NO. 2049
APPLICANT HADLACZKY et al.	CUSTOMER N 24961	10:00
FILING DATE June 12, 1998	GROUR 1632	15, 15,

^{*} If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filling date under 35 U.S.C. 120. 37 C.F.R. § 1.98(d).

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

TNT	1	Eckdahl et al., "DNA structures associated with autonomously replicating sequences form plant", Plant molecular Biol., 12:507-516 (1989)
	J	Frary et al., "Molecular mapping of the centromeres of tomato chromosomes 7 and 9", Mol. Gen. Genet., 250:295-304 (1996)
	К	Giraldo et al., "Size matters: use of YACs, BACs and PACs in transgenic animals", Transgenic Res., 10:83-103 (2001)
	L	Hadlaczky et al., "DNA Synthesis And Division In Interkingdom Heterokaryons", In Vitro, 16(8):647-650 (1980)
	М	Houben et al., "Immunostaining and interphase arrangement of field bean kinetochores", Chrom. Res., 3:27-31 (1995)
	N	Jacobovits et al., "Germ-line transmission and expression of a human-derived yeast artificial chromosome", Nature, 362:255-258 (1993)
	0	Jiang et al., "A conserved repetitive DNA element located in the centromeres of cereal chromosomes", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>93</u> :14210-14213 (1996)
	Р	Kaszas <i>et al.</i> , "Misdivision analysis of centromere structure in maize", <i>EMBO J.</i> , 15(19):5246-5255 (1996)
	α	Kraemer et al., "Intra- and Interspecific Embryo Transfer", J. Experimental Zoology, 228:363-371 (1983)
	R	Lanza et al., "Cloning Noah's Ark", Scientific American, Nov:84-89 (2000)
	S	Larin et al., "A method for linking yeast artificial chromosomes", Nucl. Acid. Res., 24:4192-4196 (1996)
	Т	Libert et al., "Construction of a Bovine Genomic Library of Large Yeast Artificial Chromosome Clones", Genomics, 18:270-276 (1993)
	U	Loi et al., "Genetic rescue of an endangered mammal by cross-species nuclear transfer using post-mortem somatic cells", Nat. Biotechnol., 19:962-964 (2001)
TNT	V	Marshall et al., "Transfer of YACs up to 2.3 Mb intact into human cells with polyethylenimine", Gene Therapy, 6:1634-1637 (1999)

	01.
EXAMINER	Neur

DATE CONSIDERED

10/31/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next σ communication to applicant.

⁺ Derwent English language abstract and/or English translation provided.

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648	CONFIRM NO.
APPLICANT HADLACZKY et al.	CUSTOMER I	NO. Alica
FILING DATE June 12, 1998	GROUP 1632	2003

^{*} If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. § 1.98(d).

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	0	THER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	_
TUT	w	Mole-Bajer et al., "Autoantibodies from a patient with scleroderma CREST recognized kinetochores of the higher plant <i>Haemanthus</i> ", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>87</u> :3599-3603 (1990)	_
ļ	х	Moore et al., "Centromeric sites and cereal chromosome evolution", Chromosoma, 105:321-323 (1997)	_
	Υ	Palmieri et al., "Construction of a pilot human YAC library in a recombination-defective yeast strain", Gene, 188:169-174 (1997)	پيون -
	Z	Pope et al., "In vitro fertilization in domestic and non-domestic cats including sequences of early nuclear events, development in vitro, cryopreservation and successful intra- and interspecies embryo transfer," J. Reprod. Fert. Suppl. 47: 189-201 (1993)	_
	АА	Press Release Advanced Cell January 12, 2001 "Advanced Cell Technology Announces Birth of First Cloned Endangered"	/
	АВ	Press Release Advanced Cell April 8, 2003 "Collaborative Effort Yields Endangered Species Clone	·
	AC	Rhodes et al., "Telomere structure and function", Curr. Opin. Struc. Biol., 5:311-322 (1995)	_
	AD	Rorie et al., "A simplified procedure for making reconstituted blastocysts for interspecific and intergeneric transfer", Vet. Rec., 135:186-187 (1994)	gr.
	AE	Rossant and Frels, "Interspecific Chimeras in Mammals: Sucdessful Production of Live Chimeras Betwen <i>Mus musculus</i> and <i>Mus caroli</i> ", <i>Science</i> , 208:419-421 (1980)	
	AF	Schedl et al., "A method for the generation of YAC transgenic mice by pronuclear microinjection", Nuc. Acid. Res., 21:4783-4787 (1993)	_
	AG	Shen et al., "A structurally defined mini-chromosome vector for the mouse germ line", Current Biology, 10:31-34 (2000)	
TNT	АН	Summers et al., "Interspecific Chimerism-The Characterization And Immunological Responsiveness of Bos Taurus- Bos Indicus Haemopoietic Chimeras Produced By Embroyo Transfer", Aust. J. Exp. Biol. Med. Sci., 62 (Pt1): 27-45 (1984)	-

	Mener
XAMINER	runc

DATE CONSIDERED

10/3/103

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

⁺ Derwent English language abstract and/or English translation provided.

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

		31,000 1 01 4
ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648	CONFIRM NO. 2049
APPLICANT HADLACZKY et al.	CUSTOMER I	NO. AME
FILING DATE June 12, 1998	GROUP 1632	5 2003

^{*} If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. § 1.98(d)

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

TUT	Al	Takeda et al., "Construction of a bovine yeast artificial chromosome (YAC) library", Animal Genetics, 29:216-219 (1998)
	AJ	Toye et al., "A yeast artificial chromosome (YAC) library containing 10 haploid chicken genome equivalents", Mammalian Genome, 8:274-276 (1997)
	AK	Wada et al., "Chimeric YACs were generated at unreduced rates in conditions that suppress coligation", NAR, 22:1651-1654 (1994)
	AL	Woods et al., "A Mule Cloned from Fetal Cells by Nuclear Transfer", Scienceexpress , published on line, May 2003
	АМ	Voet, D. and Voet, J., BOOK: <u>Biochemistry</u> , Chapter 33, "Eukaryotic Gene Expression", John Wiley & Sons, New York, p. 1033 (1990)
	AN	Zhong <i>et al.</i> , "Zebrafish Genomic Library in Yeast Artificial Chromosomes", <i>Genomics</i> , 48:136-138 (1998)
TN	AO	Zakian, "Telomeres: Beginning to Understand the End", Science, 270:1601-1607 (1995)

	\bigcap	
EXAMINER	house	DΑ

DATE CONSIDERED

10/31/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

⁺ Derwent English language abstract and/or English translation provided.

FORM PTO-1449 (Modified) ATTY, DOCKET NO. SERIAL NO. 24601-402A 09/096,648 **APPLICANT** LIST OF PATENTS AND PUBLICATIONS FOR HADLACZKY et al. APPLICANT'S INFORMATION OF STATEMENT **GROUP FILING DATE** June 12, 1998 1632 PECH OPAREN 1000/2000 MADENUS. PATENT DOCUMENTS **EXAMINER** DOCUMENT NUMBER DATE NAME CLASS **SUB FILING** INITIAL CLASS DATE AΑ 3 8 7 7 2 02/07/95 Cordell 800 2 06/17/91 5 4 3 4 3 4 0 07/18/95 AB Krimpenfort et al. 800 2 07/27/92 AC 5 4 9 1 2 8 3 02/13/96 Groffen et al. 800 2 01/14/93 AD 6 0 2 5 1 5 5 02/15/00 Hadlackzky et al. 435 69.1 08/07/96 0 7 7 ΑF A 6 9 7 06/20/00 Hadlackzky et al. 435 172.3 07/15/96 10/17/00 AG-800 **Scheffler** 02/17/98 FOREIGN PATENT DOCUMENTS **DOCUMENT NUMBER** DATE COUNTRY **CLASS** SUB Translation CLASS AΗ 9 3 2 5 5 6 7 12/23/93 PCT 9 7 4 ΑI 0 1 8 3 10/30/97 PCT *English language equivalent or Derwent abstract provided OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AJ Brinster et al., Factors affecting the efficiency of introducing foreign DNA into mice by TNT microinjecting eggs, Proc. Natl. Acad. Sci. USA 82:4438-4442 (1985). ΑK Bühler et al., Rabbit \(\beta \)-Casein Promoter Directs Secretion of Human Interleukin-2 into the Milk of Transgenic Rabbits, Bio/Technology 8:140-143 (1990). AL Drohan, Transgenic Animals: "Great and Small," Journal of Cellular Biochemistry 49:111-112 (1992). AM Ebert et al., Transgenic Production of a Variant of Human Tissue-type Plasminogen Activator in Goat Milk: Generation of Transgenic Goats and Analysis of Expression, Bio/Technology 9:835-838 (1991).

EXAMINER (DATE CONSIDERED 10/31/03

LIST OF PATENTS AND PUBLICATION FOR APPLICANT'S INFORMATION DISCLOSURES

STATEMENT

MAR 0 1 2001

ATTY. DOCKET NO. 24601-402A

SERIAL NO. 09/096,648

APPLICANT HADLACZKY et al.

FILING DATE June 12, 1998

GROUP CHARLES INFORMATION DISCLOSURES June 12, 1998

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		THEN ANY (including Author, Title, Date, Pertinent Pages, Etc.)
TH	AN	Gordon et al., Genetic transformation of mouse embryos by microinjection of purified DNA, Proc. Natl. Acad. Sci. USA 77(12):7380-7384 (1980).
	AO	Gordon et al., Production of Human Tissue Plasminogen Activator in Transgenic Mouse Milk, Bio/Technology 5:1183-1187 (1987).
	AP	Haskell et al., Efficient Production of Transgenic Cattle by Retroviral Infection of Early Embryos, Molecular Reproduction and Development 40:386-390 (1995).
	ΔQ	Hill et al., Production of Transgenic Cattle by Pronuclear Injection, Theriogenology 37:222 (1992).
111	AR	Houdebine, Production of pharmaceutical proteins from transgenic animals, <u>Journal of Biotechnology</u> 34:269-287 (1994).
CITED BY EXAMINER	AS	Jiewen et al., Decondensation of hamster chromesomes in the nuclei of 1-cell stage mice- embrye following chromosome microinjection, Theriogenology 45:336 (1996).
<u>+V+</u>	AT	Krimpenfort <i>et al.</i> , Generation of transgenic dairy cattle using 'in vitro' embryo production, Bio/Technology 9:844-847 (1991).
tht	AU	Maeda <i>et al.</i> , Production of human <i>a</i> -interferon in silkworm using a baculovirus vector, Nature 315:592-594 (1985).
cited by Exounine	r AV	Mullins et al., Perspective Series: Molecular Medicine in Genetically Engineered Animals, Trensgenesis in Normarine Species 98(11);\$37-\$40 (1996).
TNT	AW	Palmiter et al., Dramatic growth of mice that develop from eggs microinjected with metallothionein-growth hormone fusion genes, Nature 300:611-615 (1982).
	АХ	Rancourt et al., Wolffish Antifreeze Protein from Transgenic Drosophila, Bio/Technology 8:453-457 (1990).
TNT	AY	Riego et al., Production of Transgenic Mice and Rabbits that Carry and Express the Human Tissue Plasminogen Activator cDNA under the Control of a Bovine Alpha S1 Casein Promoter, Theriogenology 39:1173-1185 (1993).
Ciredby Examine	AZ	Seamark; Progress and Emerging Problems in Livestock Transgenesis: a Summary Perspective, Reprod. Fertil. Dev. 6:653-657 (1994).
111	ВА	Simons <i>et al.</i> , Alteration of the quality of milk by expression of sheep β -lactoglobulin in transgenic mice, Nature 328:530-532 (1987).
TUT	BB	Simons et al., Gene Transfer into Sheep, Bio/Technology 6:179-183 (1988).
*		

EXAMINER VIUL 11 DATE CONSIDERED 10131	EXAMINER	Menu	DATE CONSIDERED	10/31/03
--	----------	------	-----------------	----------

FORM PTO	-1449	(Modified)		ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648	4
LIST OF APPLIC	PATEN ANT'S	ITS AND PUBLIC	AFIONS FOR CO	APPLICANT HADLACZKY <i>et al.</i>		MAR 05 2007
		STATEMENT	MAR 0 1 2001	FILING DATE June 12, 1998	GROUP 1632	MAR 05 200 x
	0	THER ART (In	cluding Author	, , Title, Date, Pertine	ent Pages, Etc.)	CENTER 1600/2900
TNT	ВС	Velander et al. swine using th 12007 (1992)	e cDNA encoding	ssion of a heterologous human protein C, <u>Proc.</u>	protein in the milk o	f transgenic
TNT	BD	Wall <i>et al.</i> , Hig transgenic swi	h-level synthesis ne, <u>Proc. Natl. Ac</u>	of a heterologous milk p ad. Sci. USA 88:1696-1	rotein in the mamm	ary glands of
TNT	BE		king Transgenic L chemistry 49:113	ivestock: Genetic Engine -120 (1992).	eering on a Large So	ale, <u>Journal</u>
Hedby xaminer	BF	Wall, Transger 45:57-68 (199	nic Livestock: Prog 16). – L	gress and Prospects for t	the Future, Therioge	enology
TNT	BG			ion of active human alph <u>ly</u> 9:830-834 (1991).	a-1-antitrypsin in th	ne milk of
•						
EXAMINER	0	hous	\mathcal{N}	DATE CONSIDERED	10/31/03	
EXAMINER: line through communicat	citatio	n if not in confoi	dered, whether or rmance and not co	not citation is in conformations in conformation in conformati	mance with MPEP 6 of this form with no	09; Draw

FORM PIO-1449 (Modified) ATTY. DOCKET NO. SERIAL NO. 24601-402A 09/096,648 **APPLICANT** LIST OF PATENTS AND PUBLICATIONS FOR HADLACZKY et al.

APPLICANT'S INFORMATION DISCLOSURE **STATEMENT**

GROUP FILING DATE June 12, 1998 1632

U.S. PATENT DOCUMENTS

EXAN INITI	MINER AL			D	осим	ENT N	IUMBI	€R		DATE	NAME	CLASS	SUB CLASS	FILING DATE
TL'	_ MC	AA	4	4	4	1	9	7	2	4/10/84	Pohl	204	180	4/8/83
	1	АВ	4	4	7	6	0	0	4	10/09/84	Pohl	204	299	10/26/83
		AC	4	5	1	8	5	8	4	5/21/85	Mark et al.	424	85	12/20/8
		AD	4	6	0	8	3	3	9	8/2686	Yoakum <i>et al.</i>	435	172.2	10/25/8
		AE	4	6	8	4	6	1	1	8/4/87	Schilperoort et al.	435	172.3	7/29/85
		AF	4	6	8	6	1	8	6	8/11/87	Sugden	435	243	9/26/84
##		AG	4	7	3	6	8	6	6	04/12/88	Leder <i>et al.</i>	800	1	06/22/84
		АН	4	7	8	4	7	3	7	11/15/88	Ray et al.	204	180.1	4/18/86
##		Al	4	8	0	1	5	4	0	01/31/89	Hiatt et al.	435	172.3	01/02/8
		AJ	4	8	0	6	4	7	6	2/21/89	Coons et al.	435	172.2	8/13/85
		AK	4	8	7	3	1	9	1	10/10/89	Wagner et al.	435	172.3	8/18/86
		AL	4	8	7	3	3	1	6	10/10/89	Meade, et al.	530	412	6/23/87
		AM	4	9	0	6	5	7	6	3/06/90	Marshall, III	435	287	5/8/87
		AN	4	9	2	3	8	1	4	5/8/90	Marshall, lil	435	173	4/26/89
		AO	4	9	3	5	3	5	0	6/19/90	Patel <i>et al.</i>	435	69.4	11/18/8
		AP	4	9	4	6	9	5	2	8/7/90	Kiefer	536	27	4/1/88
		AQ	4	9	5	5	3	7	8	9/11/90	Grasso	128	421	1/17/89
		AR	4	9	7	0	1	6	2	11/13/90	Aksamit	435	240.26	11/13/8
		AS	4	9	9	7	7	6	4	3/5/91	Dalla Favera	435	240.27	4/23/87
		AT	5	0	1	9	0	3	4	5/28/91	Weaver et al.	604	20	3/20/89
##		AU	5	0	2	1	3	4	4	06/04/91	Armau <i>et al.</i>	435	172.3	08/30/8
		AV	5	0	6	3	1	6	2	11/5/91	Kiefer	435	270	5/9/90
##		AW	5	1	1	8	6	2	0	06/02/92	Armau <i>et al.</i>	435	172.3	03/01/9
		AX	5	1	4	4	0	1	9	9/1/92	Rossi <i>et al.</i>	536	27	6/21/89
	1	AY	5_	1	4	9	7	9	6	9/22/92	Rossi <i>et al</i> .	536	27	4/30/91

DATE CONSIDERED EXAMINER

EXAMINED. Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PJO-1449 (Modified)

ATTY. DOCKET NO. 24601-402A

SERIAL NO. 09/096,648

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE **STATEMENT**

APPLICANT HADLACZKY et al.

FILING DATE June 12, 1998 **GROUP** 1632

U.S. PATENT DOCUMENTS

•	EXAM				Do	осим	ENT N				DATE	NAME	CLASS	SUB CLASS	FILING DATE
ŅΓ	70	M	ΑZ	5	1	6	2	2	1	5	11/10/92	Bosselman et al.	435	172.3	9/22/88
1			ва	5	2	1	5	9	1	4	6/1/93	Lo et al.	435	253.1	12/2/91
			BB	5	2	2	3	2	6	3	6/29/93	Hostetler et al.	424	4450	6/28/89
١.			вс	5	2	4	0	8	4	0	8/31/93	Feinberg et al.	435	172.3	4/5/91
			BD	5	2	4	0	8	4	6	8/31/93	Collins et al.	435	240.1	9/18/90
			BE	5	2	6	0	1	9	1	11/9/93	Yang	435	6	1/30/92
			BF	5	2	6	6	6	0	0	11/30/93	Tenmyo et al.	514	691	10/30/92
			BG	5	2	7	2	2	6	2	12/21/93	Rossi et al.	536	23.2	10/19/90
			вн	5	2	8	8	6	2	5	2/22/94	Hadlaczky	435	172.2	9/13/91
			Bi	5	2	9	2	6	5	8	3/8/94	Cormier et al.	435	252.33	6/17/93
			BJ	5	2	9	8	4	2	9	3/29/94	Evans et al.	436	501	12/10/91
	##		вк	5	3	0	0	4	3	1	04/05/94	Pierce et al.	435	172.3	02/26/91
			BL	5	3	2	4	6	5	5	6/28/94	Kriegler et al.	435	240.2	2/18/92
			вм	5	3	5	4	6	7	4	10/11/94	Hodgson	435	172.3	10/29/92
			BN	5	3	5	8	8	6	6	10/25/94	Mullen <i>et al</i> .	435	240.2	7/3/91
			во	5	3	6	4	7	6	1	11/15/94	Ariga	435	6	11/5/92
			BP	5	3	9	6	7	6	7	3/14/95	Suzuki	60	298	2/8/93
			BQ	5	4	0	9	8	1	0	4/25/95	Larder et al.	435	5	12/1/92
			BR	5	4	1	3	တ	1	4	5/9/95	Franzusoff	435	23	7/7/93
			BS	5	4	1	8	1	5	5	5/23/95	Cormier et al.	435	189	12/14/93
			вт	5	4	2	4	4	0	9	6/13/95	Ely <i>et al.</i>	536	23.71	9/29/89
			BU	5	4	3	4	0	8	6	7/18/95	Collins et al.	436	125	12/9/93
			BV	5	4	3	6	з	9	2	7/25/95	Thomas et al.	800	205	12/21/92
			BW	5	4	4	9	6	0	4	9/12/95	Schellenberg et al.	435	6	10/21/92
N.	 [вх	5	4	5	3	3	5	7	9/26/95	Hogan	435	7.21	10/8/92

EXAMINER

DATE CONSIDERED

EXAMINER: Mital if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO. 24601-402A

SERIAL NO. 09/096,648

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE **STATEMENT**

APPLICANT HADLACZKY et al.

FILING DATE June 12, 1998 **GROUP** 1632

U.S. PATENT DOCUMENTS

															γ
	EXA INITI	MINER			D	осим	IENT I	NUMBI	ER		DATE	NAME	CLASS	SUB CLASS	FILING DATE
TUT	##	JDY	BY	5	4	5	7	1	8	2	10/10/95	Weiderrecht et al.	530	402	02/15/94
			BZ	5	4	6	1	0	3	2	10/24/95	Krapcho et al.	514	12	3/18/94
			CA	5	4	6	8	6	1	5	11/21/95	Chio et al.	435	7.2	7/1/93
			СВ	5	4	6	8	6	3	4	11/21/95	Liu	435	240.2	1/13/95
			СС	5	4	7	0	7	0	8	11/28/95	Yang et al.	435	6	4/2/93
			CD	5	4	7	0	7	3	0	11/28/95	Greenberg et al.	435	172.3	8/8/94
			CE	5	4	8	2	9	2	8	1/9/96	De Boile et al.	514	12	3/10/92
			CF	5	4	8	9	5	2	0	2/6/96	Adams et al.	435	172.3	4/26/94
			CG	5	4	9	_1	0	7	5	2/13/96	Desnick et al.	435	69.7	6/17/94
			СН	5	4	9	6	7	3	1	3/5/96	Xu et al.	435	320.1	3/25/93
			CI	5	5	0	1	6	6	2	3/26/96	Hofmann	604	20	9/12/94
			C1	5	5	0	1	9	6	7	3/26/96	Offringa et al.	435	172.3	7/6/93
1			СК	5	5	0	3	9	9	9	4/2/96	Jilka et al.	435	172.3	1/3/95
	##		CL	5	5	4	3	3	1	9	08/06/96	Fournier et al.	415	354	03/31/95
	##		СМ	5	7	1	2	1	3	4	01/27/98	Hadiaczky	435	172.2	01/19/95
	##		CN	5	7	2	1	1	1	8	02/24/98	Scheffler	435	69.1	10/29/96
	/ #		СО	5	7	2	1	3	6	7	02/24/98	Kay et al.	800	2	06/05/95
77	##	V	СР	5	8	9	1	6	9	1	04/06/99	Hadlaczky	435	172.3	10/21/96

FOREIGN PATENT DOCUMENTS

ر	DM			D	OCUM	ENT N	NUMB	ER		DATE	COUNTRY	CLASS	SUB CLASS	Trans	slation
TNT_##	L	ca	0	2	0	8	4	9	1	01/14/87	A2				
TUT		CR	0	2	4	0	3	7	3	10/7/87	EP			Х*	
TNT ##		cs	0	2	4	7	4	9	4	12/02/87	A2				
tur_		СТ	0	2	5	4	3	1	5	1/17/88	EP A3			х•	

EXAMINER

10/31/03

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM	PTO-1449	(Modified)
1.011141	1 4 0 1 4 4 3	NYIOUNIEU

ATTY, DOCKET NO. 24601-402A

SERIAL NO. 09/096,648

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT APPLICANT HADLACZKY et al.

FILING DATE June 12, 1998 GROUP 1632

FOREIGN PATENT DOCUMENTS

			F -								T	r	T	
				DO	осим	ENT N	UMBI	ER		DATE	COUNTRY	CLASS	SUB CLASS	Translation
	M	CU	0	2	5	4	3	1	5	1/27/88	EP A2			
		cv	0	2	5	4	3	1	5	1/27/88	EP B1			
##		cw	0	2	6	4	1	6	6	04/20/88	A1		(
##		сх	0	2	7	9	5	8	2	08/24/88	A2			
		CY	0	3	5	0	0	5	2	01/10/90	EP		(
		CZ	0	3	7	5	4	0	6	6/27/90	EP A2		(
		DA	0	3	7	5	4	0	6	06/27/90	EP			
		DB	0	4	7	3	2	5	3	03/04/92	EP			
		DC	0	5	3	2	0	5	0	9/14/92	EP A2		(
##		DD	0	8	3	8	5	2	6	04/29/98	EPO			
##		DE	8	2	0	4	4	4	3	12/23/82	PCT			
##		DF	В	8	0	1	6	4	8	03/10/88	PCT			
##		DG	8	8	0	0	2	3	9	01/14/88	PCT			
##		DН	8	9	0	9	2	1	9	10/05/89	PCT			
		DI	9	1	0	0	3	5	8	01/10/91	PCT	_		
##	,	DJ	9	1	0	5	0	4	4	04/18/91	РСТ			
##		DK	9	2	0	7	0	8	0	04/30/92	PCT			
		DL	9	2	1	4	8	1	9	09/03/92	PCT	_		
		DM	9	2	1	7	5	8	2	10/15/92	РСТ			
		DN	9	4	1	9	4	5	6	09/01/94	PCT			
		DO	9	4	2	3	0	4	9	10/13/94	РСТ			
		DP	9	4	2	4	3	0	0	10/27/94	PCT			Х*
		DQ	9	5	0	0	1	7	8	01/05/95	РСТ			
		DR	9	5	1	4	7	6	9	06/01/95	РСТ			
##	,	DS	9	5	2	0	0	4	4	07/27/95	PCT		~	

EXAMINER MAIN

10/31/03

DATE CONSIDERED

8/13/99

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

FOREIGN PATENT DOCUMENTS

•					D	CUM	ENT N	IUMBE	ER		DATE	COUNTRY	CLASS	SUB CLASS	Translation
TNT	##]	DM	DΤ	9	5	2	2	2	9	7	11/30/95	РСТ		(
)	DU	9	5	2	9	9	9	2	11/9/95	PCT			
			DV	9	5	3	2	2	9	7	11/30/95	PCT			
			DW	9	6	4	0	9	6	5	12/19/96	PCT			
			EX	9	7	0	7	6	6	8	03/06/97	PCT	<u> </u>		
			DY	9	7	0	7	6	6	9	03/06/97	РСТ			
1,	,		DZ	9	7	1	6	5	3	3	05/09/97	PCT			
TMT	##		EA	9	8	0	8	9	6	4	03/05/98	PCT			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

• .	TIEN ANT (Moldaling Addition, Title) Editor, 1 or all the states and 1
EB	Albrecht, et al., "Cationic lipide mediated tranfer of c-abl and bcr antisense oligonucleotides to immature normal myeloid cells: Uptake, biological effects and modulation of gene expression*", Ann Hematol 72:73-79, (1996).
EC	Baker et al., Suppression of human colorectal carcinoma cell growth by wild-type p53, Science 249:912-915 (1990)
ED	Barnett <i>et al.</i> , Telomere directed fragmentation of mammalian chromosomes, <u>Nucleic</u> <u>Acids Res. 21 (1)</u> : 27-36 (1993)
EE	Bartholdi, et al., Chromosome sorting by flow cytometry, Meth. Enzy., 151:253-267, 1987
EF	Beck von Bodman, et al, "Expression of multiple eukaryotic cells from a single promoter," in Nicotina, Bio/Technology 13:587-591, (1995).
EG	Biggin <i>et al.</i> , Buffer gradient gels and ³⁵ S label as an aid to rapid DNA sequence determination, <i>Proc. Natl. Acad. Sci. USA</i> , 80:3963-3965 (1983)
EH	Blackburn et al. The molecular structure of centromeres and telomeres, Ann. Rev. Biochem., 53:163-194 (1984)
EI	Blattner et al., Charon phages: Safer derivatives of bacteriophage lambda for DNA cloning, Science 196:16 (1977)
	EB EC ED EE EF EG EH

I way	~ 10/3/104,
EXAMINED III Martin	DATE CONSIDERED \$/13/99
	r not citation is in conformance with MPEP 609; Draw

line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM P.TO-1449 (Modified)	ATTY. DOCKET NO. SERIAL NO. 24601-402A 09/096,648		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>		
STATEMENT	FILING DATE June 12, 1998	GROUP 1632	

				· · · · · · · · · · · · · · · · · · ·
NT	اه	-5	EJ	Blennow, et al., Swedish survey on extra structurally abnormal chromosomes in 39 105 consecutive prenatal diagnoses: Prevalence and characterization by fluorescence in situ hybridization, Prenatal Diagnosis, 14:1019-1028, 1994
	##		EK	Blumenthal, et al., Rapid isolation of metaphase chromosome containing high molecular weight DNA, J. Cell Biol., 81:255-259, 1979
-			EL	Bostock and Clark, Satellite DNA in large marker chromosomes of methotrexate-resistant mouse cells, Cell 19: 709-715 (1980)
-			EM	Bostock and Christie, Analysis of the frequency of sister chromatid exchange in different regions of chromosomes of the Kangaroo rat (<i>Dipodomys ordii</i>), <i>Chromosoma 56:</i> 275-287 (1976)
•			EN	Bower, Constructing a fully defined human minichromosome: Cloning a centromere, <i>Proc.</i> 4th Eur. Congress Biotechnol. 3:571 (1987)
•	##		EO	Brazolot, et al., "Efficient transfection of chicken cells by lipofection and introduction of transfected blastoderm cells into the embryo", Mol. Repro. Dev. 30:304-312, (1993).
•			EP	Brewer and Fangman, The localization of replication origins on ARS plasmids in S. cerevisiae, Cell 51: 463-471 (1987)
•			EW	Brisson and Hohn, [27] Plant virus vectors: Cauliflower mosaic vectors, <i>Methods for Plant Molecular Biology</i> , Weissbach <i>et al.</i> , eds., Academic Press, N.Y., Section VIII, pp. 437-446 (1988)
•			ET	Brondum-Nielsen and Mikkelsen, A 10-year survey, 1980-1990, of prenatally diagnosed small supernumerary marker chromosomes, indentified by fish analysis. Outcome and follow-up of 14 cases diagnosed in a series of 12 699 prenatal samples, Prenatal Diagnosis, 15:615-619, 1995
		1	ED	Brown, Mammalian artificial chromosomes, Curr. Opin. Genes Dev. 2:479-486 (1992)
		/	ET	Brown et al., Mammalian artificial chromosomes, Curr. Opin. Genet. Devt. 6(3): 281-288 (1996)
	\prod		EU	Bullock and Botchan, Molecular events in the excision of SV40 DNA from the chromosomes of cultured mammalian cells. In: Gene Amplification., Schimke RT, ed. Colo Spring Harbor, NY: Cold Spring Harbor Laboratory Press, pp 215-224 (1982)
			EV	Burhans and Huberman, DNA replication origins in animal cells - a question of context? Science 263: 639-640 (1994)
/ H			EW	Burhans et al., Identification of an origin of bidirectional DNA replication in mammalian chromosomes, Cell 62: 955-965 (1990)
-				

EXAMINER (11) Martin | DATE CONSIDERED 8/13/99

EXAMINED: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A SERIAL NO. 09/096,648		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>		
STATEMENT	FILING DATE June 12, 1998	GROUP 1632	

		O i	HEN ANT (including Author, Title, Date, Fertilierit Fages, Etc.)
π,	DM	EX	Burke et al., Cloning of large segments of exogenous DNA into yeast by means of artificial chromosome vectors, Science, 236:806-812 (1987)
##		EY	Burki, et al., Zonal fractionation of mammalian metaphase chromosomes and determination of their DNA content, Prep. Bioch., 3(2):157-182, 1973
		EZ	Carine et al., Chinese hamster cells with a minichromosome containing centromere region of human chromosome 1, Somatic Cell Molec. Genet. 12:479-491 (1986)
		FA	Carine et al., Molecular characterization of human minichromosomes with centromere from chromosome 1 in hamster-human hybrids, Somatic Cell Molec. Genet. 15(5):445-460 (1989)
##		FB	Carrano, et al., Measurement and purification of human chromsomes by flow cytometry and sorting, Proc. Natl. Acad. Sci. USA, 76(3):1382-1384, 1979
		FC	Carrano and Wolff, Distribution of sister chromatid exchanges in the euchromatin and heterochromatin of the Indian muntjac, <i>Chromosoma</i> 53: 361-369 (1975)
##		FD	Carsience, et al., "Germline chimeric chickens from dispersed donor blastodermal cells and compromised recipient embryos", Develop 117:669-675, (1993).
		FE	Chalfie et al., Green fluorescent protein as a marker for gene expression, Science 263:802-804 (1994)
		FF	Chang et al., Ribozyme-mediated site-specific cleavage of the HIV-1 genome, Clin. Biotech. 2:23-31 (1990)
		FG	Chen et al., High-efficiency transformation of mammalian cells by plasmid DNA, Mol. Cell. Biol. 7:2745-2752 (1987)
		FH	Chen et al., Genetic mechanism of tumor suppression by the human p53 gene, Science 250:1576 (1990)
##	1	FI	Chick, et al., "Beta cell culture on synthetic capillaries: an artificial endocrine pancreas", Elliot P. Joslin Research Laboratory, Harvard Medical School, p. 847-849, (1975).
		FJ	Chikashige et al., Composite motifs and repeat symmetry in S. pombe centromeres: Direct analysis by integration of Notl restriction sites, Cell 57:739-751 (1989)
##	<i>†</i>	FK	Chisari et al., A transgenic mouse model of the chronic hepatitis B surface antigen carrie state, Science 230: 1157-1160 (1985).
		FL	Chisari et al., A transgenic mouse model of the chronic hepatitis B surface antigen carrie state, Science 230: 1157-1160 (1985).
)†		FM	Church, Replication of chromatin in mouse mammary epithelial cells grown in vitro, Genetics 52: 843-849 (1965)

EXAMINER Martin Martin Martin DATE CONSIDERED \$13/9

FORM P.TO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

_				THEN ANT (Including Author, Title, Date, Feltinent Fages, Etc.)
T.	I	M	FN	Clarke et al., The structure and function of yeast centromeres, Ann. Rev. Genet. 19:29-56. (1985)
	##		FO	Coffman, et al., In Vitro replication of plasmids containing human ribsomal gene sequences: Origin localization and dependence on an aprotinin-binding cytosolic protein, Exp. Cell Resh. , 209:123-132 , 1993
			FP	Colbère-Garapin et al., A new dominant hybrid selective marker for higher eukaryotic cells, J. Mol. Biol. 150:1-14 (1981)
_	##		FQ	Collard, et al., Separation and analysis of human chromosomes by combined velocity sedimentation and flow sorting applying single- and dual-laser flow cytometry, Cytometry, 5:9-19, 1984
			FR	Collins and Newlon, Chromosomal DNA replication initiates at the same origins in meiosis and mitosis, <i>Mol Cell Biol</i> 14: 3524-3534. (1994)
-	##		FS	Cooke, Non-programmed and engineered chromosome breakage, Cold Spring Harbor Monograph Series 29: 219-245 (1995)
•	##		FT	Cooke et al., pYAC-4 Neo, a yeast artificial chromosome vector which codes for G418 resistance in mammalian cells, Nuc Acids Res. 16(24):11817 (1988).
			FŲ	Cooper and Tyler-Smith, The putative centromere-forming sequence of \(\lambda \text{CM8} \) is a single copy sequence and is not a component of most human centromeres, \(Hum. \text{ Mol. Gen.} \) 1(9):753-754 (1992)
			FV	Couto et al., Inhibition of intracellular histoplasma capsulatum replication by murine macrophages that produce human defensin, Infect. Immun. 62:2375-2378 (1994)
-			FW	Cram et al., Polyamine buffer for bivariate human flow cytogenetic analysis and sorting, Methods in Cell Biology 33:377-382 (1990)
	##		FX	Cram, et al., Univariate analysis of metaphase chomosomes using the hypotonic potassium chloride-propidium iodide protocol, Meth. Cell Biol., 33:369-376, 1990
			FY	Cross et al., The structure of subterminal repeated sequence present on many human chromosomes, Nucleic Acids Res. 18(22): 6649 - 6657 (1990)
	##		FZ	Cross et al., The structure of subterminal repeated sequence present on many human chromosomes, Nucleic Acids Res. 18(22): 6649 - 6657 (1990)
•			GA	Current state of the art, Chromos Molecular Systems - News Release (May 29, 1996) (available at http://www.chromos.com/contents.html)
٠ الأ	-		GB	Cutler, Electroporation: Being developed to transform crops, Ag Biotechnology News 7:3 (September/October 1990)

EXAMINER (M. Martin) DATE CONSIDERED 8/13/99

FORM P.TO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY et al.	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

		0	THER ART (including Author, Title, Date, Fertillerit Fages, Ltc.)
##.	DM	GC	Database WPI Derwent Abstract 199442, citing WO 9424300, Transposition construct for introducing genes into eukaryotic cell genome.
		GD	Davidson et al., Improved techniques for the induction of mammalian cell hybridisation by polyethylene glycol, Somatic Cell. Genet. 2:165-176 (1976)
		GE	Dean et al. Multiple mutations in highly conserved residues are found in mildly affected cystic fibrosis patients, Cell 61:863-870 (1990)
##		GF	deJong et al., Mammalian artificial chromosome pilot production facility: large-scale isolation of functional satellite DNA-based artificial chromosomes, Cytometry 35:129-133 (1999)
		GG	DePamphilis, Eukaryotic DNA replication: Anatomy of an origin, <i>Annu. Rev. Biochem.</i> 62:29-63 (1993)
##		GН	Dhar, et al., "Transfer of Chinese Hamster Chromosome 1 to Mouse Cells and Regional Assignment of 7 Genes: A Combination of Gene Transfer and Microcell Fusion", Somatic Cell and Molecular Genetics, 10:(6)547-559, (1984).
##		GI	DIALOG Abstract 007389041, citing: EP 0254 315
##		GJ	DIALOG Abstract 007268905, citing: EP 0240 373 A1
##		GK	Dieken, et al., "Efficient modification of human chromosomal allesles using recombination-proficient chicken/human microcell hybrids", <i>Nature Genet. 12:</i> 174-182, (1996).
		GL	Dunckley et al., Retroviral-mediated transfer of a dystrophin minigene into mdx mouse myoblasts in vitro, FEBS Lett. 296:128-34 (1992)
##		GM	Eissenberg and Elgin, Boundary functions in the control of gene expression, <u>Trends in Genet.</u> , <u>7</u> (10):335-340, 1991
		GN	Erlich et al., Recent advances in the polymerase chain reaction, Science 252:1643-1651 (1991)
##		GO	Etches, et al., "Chimeric chickens and their use in manipulation of the chicken genome", Poultry Sci. 72:882-889, (1993).
		GP	Fangman and Brewer, A question of time: replication origins of eukaryotic chromosomes, Cell 71: 363-366 (1992)
		GΩ	Farr et al., Generation of a human X-derived minichromosome using telomere-associated chromosome fragmentation, EMBO J. 14:5444-5454 (1995)
レナ		GR	Farr, Mammalian telomeres and chromosome fragmentation, Cell Devti. Biol. 7: 41-48 (1996)
			A

EXAMINER / Martin Mulium 10)31/18 8/13/99

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>		
STATEMENT	FILING DATE June 12, 1998	GROUP 1632	

_				Then first (moraling faction, file), bato, forthfolia agos, etc.,		
_ _ کار	MAL		GS	Farrel et al., p53 is frequently mutated in Burkitt's lymphoma cell lines, EMBO J. 10:2879-2887 (1991)		
			GT	Fátyol et al., Cloning and molecular characterization of a novel chromosome specific centromere sequence of Chinese hamster, Nucl. Acids Res. 22:3728-3736 (1994)		
			GÜ	Fechheimer et al., Transfection of mammalian cells with plasmid DNA by scrape loading and sonication loading, <i>Proc. Natl. Acad. Sci. USA 84</i> :8463-8467 (1987)		
			GV	Ford and Fried, Large inverted duplications are associated with gene amplification, <i>Cell</i> 45:425-430, (1986)		
-			GW	Fournier, A general high-efficiency procedure for production of microcell hybrids, <i>Proc. Natl. Acad. Sci.USA 78</i> :6349-6353 (1981)		
	##		GX	Fowler, et al., "Donor lymphoid cells of th2 cytokine phenotype reduce lethal graft versus host disease and facilitats fully allogenetic cell transfers in sublethally irradiated mice", Advances in Bone Marrow Purging and Processing: Fourth International Symposium, p. 533-540, (1994).		
	##		GY	Frasier, et al., "Efficient incorporation of transfected blastodermal cells into chimeric chicken embryos", Int. J. Dev. Biol. 37:381-385, (1993).		
			GZ	French et al., Construction of a retroviral vector incorporating mouse VL30 retrotransposon-derived, transcriptional regulatory sequences, Anal. Biochem. 228:354-355 (1995)		
-			НА	Frohman and Martin, Cut, paste, and save: new Approaches to altering specific genes in mice, Cell 56:145-147 (1989)		
			НВ	Fromm et al., Expression of genes transferred into monocot and dicot plant cells by electroporation, <i>Proc. Natl. Acad. Sci.USA 82</i> :5824-5828 (1985)		
	##		нс	Fu S et al., Molecular cytogenetic study of an extra small chromosome, (CHINA) 1992, 19(4):294-7, MEDLINE ABSTRACT: 93103732		
-	##		HD	Gaub, et al., "The chicken ovalbumin promoter is under negative control which is relieved by steriod hormones", <i>The EMBO Journal</i> , 6:(8)2313-2320, (1987).		
			HE	Gillespie et al., Tissue-specific expression of human CD4 in transgenic mice, Mol. Cell. Biol. 13:2952-2958 (1993)		
			HF	Gluzman, SV40-transformed simian cells support the replication of early SV40 mutants, Cell 23:175-182 (1981)		
+11.	+ 	Γ	HG	Gogel, et al., Mapping of replication initiation sites in the mouse ribosomal gene cluster, Chromosoma, 104:511-518, 1996		

EXAMINER MARKEN PATE CONSIDERED 8/13/99

FORM PTO-1449 (Modified)	ATTY, DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

	•	THER Art (moldaring Addition, Trace, Batto, Fortimont Fagour, 2007)
	1 HH	Gonzalez and Sylvester, Complete sequence of the 43-kb human ribosomal DNA repeat: Analysis of the intergenic space, <u>Genomics</u> , <u>27</u> :320-328, 1985
	Н	Goodfellow et al., Techniques for mammalian genome transfer, in Genome Analysis a Practical Approach, K.E. Davies, ed., IRL Press, Oxford, Washington DC. pp.1-17 (1989)
##	НЈ	Gout, et al., Prolactin-stimulated growth of cell cultures established from malignant Nb rat lymphomas, Cancer Res., 40:2433-2436, 1980
	нк	Graham and van der Eb, A new technique for the assay of infectivity of human adenovirus 5 DNA, <i>Virology 52</i> :456-457 (1973)
	HL	Gravholt and Friedrich, Molecular cyotgenetic study of supernumerary marker chromosomes in an unselected group of children, <u>Am. J. Med. Gen.</u> , <u>56</u> :106-111, 1995
##	НМ	Green et al., Systematic screening of yeast artificial-chromosome libraries by use of the polymerase chain reaction, <i>Proc. Natl. Acad. Sci USA</i> 87:1213-1217 (1990).
##	HN	Green, et al., "Chromosomal region of the cystic fibrosis gene in yeast artificial chromosomes: A model for human genome mapping", Science 250:94-98, (1990).
	НО	Grierson et al. Plant Molecular Biology, 2d Ed., Blackie, London, Ch. 7-9 (1988)
	НР	Gritz et al., Plasmid-encoded hygromycin B resistance: the sequence of hygromycin B phosphotransferase gene and its expression in Escherichia coli and Saccharomyces cerevisiae, Gene 25:179-188 (1983)
	HQ	Guide to Techniques in Mouse Development, Methods in Enzymology 25:803-932 (1993
	HR	Gunning et al., A human β -actin expression vector system directs high-level accumulation of antisense transcripts, <i>Proc. Natl. Acad. Sci.USA 84</i> :4831-4835 (1987)
##	нѕ	Haaf et al., Integration of Human α -satellite DNA into simian chromosomes: centromere protein binding and disruption of normal chromosome segregation, Cell, 70:681-696 (1992)
##	НТ	Haas and Dowding, Aminoglycoside-modifying enzymes, Meth. Enzymol., 43:611-628, 1975
	Нυ	Haase et al., Transcription inhibits the replication of autonomously replicating plasmids in human cells, Mol. Cell. Biol. 14:2516-2524 (1994)
NT	HV	Hadlaczky and Szalay, Mammalian artificial chromosomes: Potential vectors for gene therapy, Abstract from International Symposium on <i>Gene Therapy of Cancer, AIDS and Genetic Disorders</i> , Trieste (Italy) (April 10-13, 1996) (available at http://www.chromos.com/contents.html)

EXAMINER MARTIN DATE CONSIDERED 8/13/99

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

	THEN ANY (Moldaing Adultor, Title, Date, Fertillent Fages, Etc.)
HW	Hadlaczky et al., Centromere formation in mouse cells cotransformed with human DNA and a dominant marker gene, Proc. Natl. Acad. Sci.USA 88:8106-8110 (1991)
нх	Hadlaczky, Structure of metaphase chromosomes of plants, <i>Internatl. Rev. Cytol.</i> 94:57-76 (1985)
нү	Hadlaczky <i>et al.</i> , Direct evidence for the non-random localization of mammalian chromosomes in the interphase nucleus, <i>Exp. Cell Res. 167</i> :1-15 (1986)
HZ	Hadlaczky and Szalay, Mammalian artificial chromosomes: Introduction of novel genes into mammalian artificial chromosomes, Abstract from International Symposium on Gene Therapy of Cancer, AIDS and Genetic Disorders, Trieste (Italy) (April 10-13, 1996) (available at http://www.chromos.com/contents.html)
IA	Hadlaczky et al., Protein depleted chromosomes, Chromosoma 81:537-555 (1981)
18	Hadlaczky et al., Structure of isolated protein-depleted chromosomes of plants. Chromosoma 86:643-659 (1982)
IC	Hadlaczky et al., Centromere proteins, Chromosoma 97:282-288 (1989)
ID	Hall et al., Expression and regulation of Escherichia coli lacZ gene fusions in mammalian cells, J. Mol. Appl. Gen. 2:101-109 (1983)
ίE	Handeli et al., Mapping replication units in animal cells, Cell 57 909-920 (1989)
IF	Hanna <i>et al.</i> , Specific expression of the human CD4 gene in mature CD4 ⁺ CD8 ⁻ and immature CD4 ⁺ CD8 ⁺ T cells and in macrophages of transgenic mice, <i>Mol. Cell. Biol.</i> 14:1084-1094 (1994)
IG	Harper et al., Localization of single copy DNA sequences on G-banded human chromosomes by in situ hybridization, Chromosoma 83:431-439 (1981)
IH	Harrington, et al., Formation of de novo centromeres and construction of first-generation human artifical microchromosomes, Nature Genetics, 15:345-355, 1997
11	Hassan et al., Replication and transcription sites are colocalized in human cells. J. Cell. Sci. 107:425-434 (1994)
IJ	Heller et al., Mini-chromosomes derived from the human Y chromosome by telomere directed chromosome breakage, <i>Proc. Natl. Acad. Sci. USA</i> 93:7125-7130 (1996).
IK	Henikoff et al., Position-effect variegation after 60 years, <u>Trends in Genetics 6:</u> 422-426 (1990).
IL	Hilwig and Gropp, Decondensation of constitutive heterochromatin in L cell chromosome by a benzimidazole compound ("33258 Hoechst"), Exp Cell Res 81: 474-477 (1973)
	HW HX HY HZ IA IB IC ID IE IF IG III II II II

EXAMINER LA MORTE DATE CONSIDERED 8/13/99

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

	_	rizit fill (moldaling flathor, flato, batto, fortille in ages, batto,
MQT.	IM	Hogan et al., Manipulating the Mouse Embryo: A Laboratory Manual, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pages 253-289, see, especially pages 255-264 and Appendix 3 (1994)
	IN	Hollo <i>et al.</i> , Evidence for a megareplicon covering megabases of centrome segments, <i>Chromosome Research 4</i> :1-14 (1996) (available at http://www.chromos.com/contents.html)
##	10	Holmen, et al., "Efficient Lipid-mediated transfection of DNA into Primary Rat Hepatocytes", In Vitro Cell, Dev. Biol. 30:347-351, (1995).
	IΡ	Holmquist and Comings, Sister chromatid exchange and chromosome organisation based on a bromodeoxyuridine Giemsa-C-banding technique (TC-banding), <i>Chromosoma</i> 52:245-259 (1975)
	IQ	Hsu and Markvong, Chromosomes and DNA in <i>Mus</i> : Terminal DNA synthetic sequences in three species, <i>Chromosoma</i> 51:311-322 (1975)
	IR	Huberman <i>et al.</i> , The <i>in vivo</i> replication origin of the yeast 2 μ m plasmid. <i>Cell</i> 51:473-481 (1987)
	IS	Huberman and Riggs, On the mechanism of DNA replication in mammalian chromosomes J Mol Biol 32:327-341 (1968)
/	ΙT	Huxley, Mammalian artificial chromosomes: a new tool for gene therapy, <i>Gene Therapy</i> , 1:7-12 (1994)
	IU	Hyde et al., Correction of the ion transport defect in cystic fibrosis transgenic mice by gene therapy, Nature 362: 250-255 (1993)
	IV	Hyrien et al., The multicopy appearance of large inverted duplication and the sequence a the inversion joint suggest a new model for gene amplification, EMBO J 7:407-417 (1988)
##	IW	Ikeno et al., Construction of YAC-based mammalian artificial chromosomes, Nature Biotech 16:431-439 (1998).
##	IX	Ioannou, et al., A new bacteriophage P1-derived vector for the propagation of large human DNA fragments, Nature Genetics, 6:84-89, 1994
	IY	Ish-Horowitz et al., Rapid and efficient cosmid cloning, Nucleic Acids Res. 9:2989-2998 (1981)
##	ΙZ	Jabs, et al., "Characterization of a cloned DNA sequence that is present at centromeres of all human autosomes and the X chromosome and shows polymorphic variation", Proc Natl. Acad. 81:4884-4888, (1984).

EXAMINER JUI Martin DATE CONSIDERED 8/13/99

EXAMINER. Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. SERIAL NO. 24601-402A 09/096,648	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

				THEN ANY (meldaling Addition, Title, Date, Fertillent Fages, Ltc.)
NT	<u>D</u>	M	JA	Jacob et al., On the regulation of DNA replication in bacteria, Cold Spring Harb Symp Quant Biol 28:329-348 (1963)
	##		JB	Johnson, et al., Genetic mapping of variable length rDNA segments to centromeric regions of mouse Chromosomes 11, 12, 15, 16, and 18, Mammalian Genome, 4:49-52, 1993
			JC	Johnston et al., Construction of a mammalian artificial chromosome, Abstract from CGAT grant application, September 1994
			JD	Joy and Gopinathan, Expression of microinjected foreign DNA in the silkworm, Bombex mori, Current Science 66:145-150 (1991)
		/	JE	Kappel <i>et al.</i> , Regulating gene expression in transgenic animals, <u>Current Biology</u> , p. 548-553 (1992).
			JF	Keown et al., Methods for introducing DNA into mammalian cells, Meth. Enzymol. 185:527-537 (1990)
			JG	Kerem et al., Identification of the cystic fibrosis gene: genetic analysis, Science 245:1073-1080 (1989)
		/	JH	Kereso et al., De novo chromosome formations by large-scale amplification of the centromeric region of mouse chromosomes, Chromosome Research 4:1-14 (1996) (available at http://www.chromos.com/contents.html)
	##		JI	Killary, et al., "Microcell Fusion", Methods in Enzymology, 254:133-152, (1995).
			IJ	Kitsberg <i>et al.</i> , Replication structure of the human b-globin gene domain, <i>Nature</i> 366:588-590 (1993)
1			JK	Klotman et al. Transgenic models of HIV-1, Current Sci Ltd. 9:313-324, (1995).
			JL	Korenberg et al., Human genome organization: Alu, LINES, and the molecular structure of metaphase chromosome bands, Cell 53:391-400 (1988)
			JM	Kornberg and Baker, <i>DNA Replication</i> . 2nd. ed., New York: W.H. Freeman and Co, p. 474 (1992)
	##		JN	Lalande, et al., Molecular detection and differntiation of deletions in band 13q14 in human retinoblastoma, Cancer Genet Cytogenet, 23:151-157, 1986
	##	/	JO	Lamb, B. et al., YAC transgenics and the study of genetics and human disease, Curr. Opinion: Genetics & Dev. 6, 342-348 (1995).
+	4		JP	Lambert et al., Functional complementation of ataxia-telangiectasia group D (AT-D) cells by microcell-mediated chromosome transfer and mapping of the AT-D locus to the region 11q22-23, <i>Proc. Natl. Acad. Sci. USA 88</i> :5907-59 (1991)
,,,				

EXAMPNER JUI MAIT MAILU JOBI 103 /3/99

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY et al.	
STATEMENT	FILING DATE	GROUP

		01	HER ART (Including Author, Title, Date, Fertinent Fages, Etc.)
	M) 1a	Larsson et al. Reduced β 2-microglobulin mRNA levels in transgenic mice expressing a designed hammerhead ribozyme, Nucleic Acids Research 22:2242-2248, (1994).
		JR	Lawrence et al. Sensitve, high-resolution chromatin and chromosome mapping in situ: Presence and orientation of two closely integrated copies of EBV in a lymphoma line, Cell 52:51-61 (1988)
##		JS	Le Bolc'h, et al., "Cationic phosphonolipids as non viral vectors for DNA transfection", Tetrahedron Lett. 36:6681-6684, (1995).
		JT	Leder et al., EK2 derivatives of bacteriophage lambda useful in the cloning of DNA from higher organisms: The \(\alpha gtWES \) system, \(Science 196:175-177 \) (1977)
		JU	Lee et al., Human gamma X satellite DNA: an X chromosome specific centromeric DNA sequence, Chromosoma 104: 103-112 (1995)
		JV	Lin et al., Isolation and identification of a novel tandemly repeated DNA sequence in the centromeric region of human chromosome 8, <u>Chromosoma 102</u> : 333-339 (1993)
##		JW	Little, et al., Intiation and termination of DNA replication in human rRNA genes, Molec. and Cell. Biol., 13(10):6600-6613, 1993
		JX	Liu et al., The pro region of human neutrophil defensin contains a motif that is essential for normal subcellular sorting, Blood 85:1095-1103 (1995)
		JY	Locardi et al., Persistent infection of normal mice with human immunodeficiency virus, J. Virol. 66:1649-1654 (1992)
##		JΖ	Loefler, et al., "Gene Transfer into Primary and Established Mammalian Cell Lines wiht Lipopolyamine-Coated DNA", Methods for Transforming Animal and Plant Cells 217:599-618, (1993).
		KA	Looney et al., The dihydrofolate reductase amplicons in different methotrexate-resistant Chinese hamster cell lines share at least a 273-kilobase core sequence, but the amplicons in some cell lines are much larger and remarkably uniform in structure, Mol. Cell Biol. 8:5268-5279 (1988)
		КВ	Lorenz et al., Isolation and expression of a cDNA encoding Renilla reniformis luciferase, Proc. Natl. Acad. Sci. USA 88:4438-4442 (1991)
		кс	Lorenz et al., Expression of the Renilla reniformis luciferase gene in mammalian cells, J. Biolum. Chemilum. 11:31-37 (1996)
##		KD	Love, et al., "Transgenic birds by microinjection", Bio/Technology 12:60-63, (1994).
NT I		KE	Ma et al., Organisation and genesis of dihydrofolate reductase amplicons in the genome of a methotrexate-resistant Chinese hamster ovary cell line, Mol. Cell Biol. 8:2316-2327 (1988)

EXAMINER

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

		THE CART (moldaling Addition, Title, Date, Fortillone Lages, Etc.)
MILI	KF	Ma et al., Sister chromatid fusion initiates amplification of the dihydrofolate reductase gene in Chinese hamster cells, Genes Develop. 7:605-620 (1993)
	KG	Madan et al., Fluorescence analysis of late DNA replication in mouse metaphase chromosomes using BUdR and 33258 Hoechst, Exp. Cell Res. 99:438-444 (1976)
	КН	Maden, et al., Clones of human ribosomal DNA containing the complete 18 S-rRNA and 28 S-rRNA genes, <u>J. Biochem.</u> , <u>246</u> :519-527, 1987
	KI	Maniatis et al., The isolation of structural genes from libraries of eucaryotic DNA, Cell 15 687-701 (1978)
	KJ	Mansour et al., Disruption of the proto-oncogene int-2 in mouse embryo-derived stem cells: a general strategy for targeting mutations to non-selectable genes, Nature 336:348-352 (1988)
	KK	Manuelidis, Heterochromatic features of an 11-megabase transgene in brain cells, Proc. Natl. Acad. Sci. USA, 88:1049-1053, 1991
	KL	Matthews et al., Purification and properties of Renilla reniformis luciferase, Biochemistry 16:85-91 (1977)
	KM	Maxwell et al., Regulated expression of a diphtheria toxin A-chain gene transfected into human cells: possible strategy for inducing cancer cell suicide, Cancer Res. 46:4660-4664 (1986)
##	KN	McCormick et al., Construction of human chromosome 21-specific yeast artifical chromosomes, <i>Proc. Natl. Acad. Sci. USA</i> 86:9991-9995 (1989).
	ко	McGill et al., λCM8, a human sequence with putative centromeric function, does not map to the centromere but is present in one or two copies at 9qter, Hum. Mol. Gen. 1(9):749-751
	KP	McGuigan et al., Replication of yeast DNA and novel chromosome formation in mouse cells, Nuclic Acids Res. 24(12): 2271-2280 (1996)
##	ΚΩ	McLean, "Improved techniques for immortalizing animal cells", TIBTECH 11:232-238, (1993).
	KR	Meinkoth and Wahl, Hybridization of nucleic acids immobilized on solid supports, <i>Anal. Biochem. 138</i> :267-284 (1984)
	KS	Meyne et al., Distribution of non-telomeric sites of the (TTAGGG) _n telomeric sequence in vertebrate chromosomes, <i>Chromosoma 99</i> :3-10, (1990).
NT	КТ	Miesfeld and Arnheim, Indentification of the <i>in vivo</i> and <i>in vitro</i> origin of transcription in human rDNA, Nucleic Acid Rsch., Vol. 10, No. 13, 1982

EXAMINER /// Mart

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next

communication to applicant. 06/07/99

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

		, , , , , , , , , , , , , , , , , , , ,
JT DM	KU	Miller and Rosman, Improved retroviral vectors for gene transfer and expression, Biotechniques 7:980-990 (1989)
	ΚV	Miller, Is the centromeric heterochromatin of <i>Mus musculus</i> late replicating? <i>Chromosoma</i> 55:165-170 (1976)
##	KW	Miller et al., High-efficiency ligation and recombination of DNA fragments by vertebrate cells, Science 220:606-609,
	кх	Miller, in Experiments in Molecular Genetics, Cold Spring Harbor Press, pp. 352-355 (1972)
	КҮ	Mitani et al., Delivering therapeutic genes - matching approach and application, <i>Trends Biotech.</i> 11:162-166 (1993)
	KZ	Morgan and French Anderson, Human gene therapy, Annu. Rev. Biochem. 62:191-217 (1993)
	LA	Morgenstern et al., Advanced mammalian gene transfer: High titre retroviral vectors with multiple drug selection markers and a complementary helper-free packaging cell line, Nucleic Acids Res. 18:3587-3596 (1990)
	LB	Mulligan, The basic science of gene therapy, Science 260:926-932 (1993)
	LC	Murray et al., Construction of artifical chromosomes in yeast, Nature 305:189-193 (1983)
	LD	Nabel et al., Site-specific gene expression in vivo by direct gene transfer into the arterial wall, Science 249:1285-1288 (1990)
##	LE	Naider, et al., Reversible alkylation of a methionyl residue near the active site of B-Galactosidase, <u>Biochemistry</u> , <u>11</u> (17):3202-3210, 1972
	LF	Nikolaev et al., Microinjection of recombinant DNA into early embryos of the mulberry silkworm Bombyx mori, Mol. Biol. (Moscow) 23:1177-87 (1989)
	LG	O'Keefe et al., Dynamic organization of DNA replication in mammalian cell nuclei: Spatially and temporally defined replication of chromosome-specific a-satellite DNA sequences, J. Cell Biol. 116:1095-1110 (1992)
##	LH	Ohnuki, Structure of chromosomes, Chromosoma (Berl), 25:402-428, 1968
	LI	Osborne et al., A mutation in the second nucleotide binding fold of the cystic fibrosis gene, Am. J. Hum. Genetics 48:608-612 (1991)

EXAMINER Just Martin DATE CONSIDERED 8/13/99

EXAMINED: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>		
STATEMENT	FILING DATE June 12, 1998	GROUP 1632	

			Tribitating ration, ratio, batto, rotalione ragoo, batto
NT_	## 	ا ا	Park, et al., "Modulation of Transcriptional Activity of the Chicken ovalbumin gene promoter in primary cultures of chicken oviduct cells: effects of putative regulatory elements in the 5'-flanking region", Biochem and Mol Biol International 36:(4)811-816, (1995).
		LK	Paszowski and Saul, [28] Direct gene transfer to plants, <i>Methods for Plant Molecular Biology</i> , Weissbach <i>et al.</i> , eds., Academic Press, N.Y., Section VIII, pp. 447-463 (1988)
		LL	Perry and Wolff, A new Giemsa method for the differential staining of sister chromatids, <i>Nature 251</i> :156-158 (1974)
	##	LM	Petitte, et al., "Production of somatic and germline chimeras in the chicken by transfer of early blastodermal cells", <i>Development 108:</i> 185-189, (1990).
	##	LN	Pierce and Sternberg, Using Bacteriophage P1 system to clone high molecular weight genomic DNA, Meth. Enzymol., 216:549-574, 1992
	##	LO	Pierce, et al., A positive selection vector for cloning high molecular weight DNA by the bacteriophage P1 system: Improved cloning efficacy, Proc. Natl. Acad. Sci. USA , 89 :2056-2060, 1992
		LP	Pinkel et al., Cytogenetic analysis using quantitative, high-sensitivity, fluorescence hybridization, <i>Proc. Natl. Acad. Sci. USA, 83</i> :2934-2938 (1986)
	##	LQ	Pluta et al., Structure of the human centromere at metaphase, TIBS 15:181-185 (1990)
		LR	Prasher et al., Primary structure of the Aequorea victoria green-fluorescent protein, Gene 111:229-233 (1992)
		LS	Praznovszky et al., De novo chromosome formation in rodent cells, Proc. Natl. Acad. Sci. USA 88:11042-11046 (1991)
		LT	Priest, Cytogenetics. In <i>Medical Technology Series</i> . R.M. French, M. Eichman, B. Fiorella, and H.F. Weisberg, eds. (Lea and Febiger, Philadelphia) pp.189-190 (1969)
		LU	Quastler et al., Cell population kinetics in the intestinal epithelium of the mouse, Exp. Cell Res. 17:420-438 (1959)
	##	LV	Raimondi, et al., "X-ray mediated size reduction, molecular characterization and transfer in model systems of a human artrificial minichromosome", Abstrct from International Symposium on Gene Therapy of Cancer, AIDS and Genetic Disorders, Trieste (Italy) (April 10-13, 1996.
		LW	Raimondi, Gene targeting to the centromeric DNA of a human minichromosome. <u>Hum. Gene Ther. 7</u> : 1103-1109 (1996)
√ +1.1+	##	LX	Raynal et al., Complete nucleotide sequence of mouse 18 S rRNA gene: comparison with other available homologs, FEBS Lett. 167 (2): 263-367 (1984)

EXAMINED

DATE CONSIDERED EXAMINED. Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>		
STATEMENT	FILING DATE June 12, 1998	GROUP 1632	

		O I	Their Air (morading reason) , resp. butto, i and it ages, butto
TJD1	1	LY	Raynal et al., Complete nucleotide sequence of mouse 18 SrRNA gene: comparison with other available homologs, FEBS Lett. 167 (2): 263-367 (1984)
##		LZ	Remy, et al., "Gene Transfer with a Series of Lipophilic DNA-Binding Molecules", Bioconjugate Chem. 5:647-654, (1994).
		MA	Report and recommendations of the panel to assess the NIH investment in research on gene therapy, Orkin and Motulsky, co-chairs (December 7, 1995) (available at http://www.nih.gov/news/panelrep.html)
		МВ	Richia and Lo, Introduction of human DNA into mouse eggs by injection of dissected chromosome fragments, <i>Science 245</i> :175-177 (1989)
		мс	Riordan et al., Identification of the cystic fibrosis gene: cloning and characterization of complementary DNA, Science 245:1066-1072 (1989)
##		MD	Robertson et al., Germ-line transmission of genes introduced into cultured pluripotential cells by retroviral vector, <i>Nature</i> 323:445-448 (1986).
		ME	Rogers et al., [26] Gene transfer in plants: Production of transformed plants using Ti plasmid vectors, <i>Methods for Plant Molecular Biology</i> , Weissbach et al., eds., Academic Press, N.Y., Section VIII, pp. 423-436 (1988)
		MF	Rommens et al., Identification of the cystic fibrosis gene: chromosome walking and jumping, Science 245:1059-1065 (1989)
		MG	Rosenfeld et al., In vivo transfer of the human cystic fibrosis transmembrane conductance regulator gene to the airway epithelium, Cell 68:143-155 (1992)
##		мн	Roslaniec, er al., Development of a high speed optical chromosome sorter based on photoinduced cross-linking of DNA with psoralens, International Society for Analytical Cytology Abstracts, 1994
##		МІ	Roth, et al., "Artifizielle chromosomen", Natur Wissenschaften 74:78-85, (1987).
##		MJ	Roth et al., Illegitimate Recombination in Mammalian Cells, Chapter 21 621-653.
##		МК	Rowe, et al., Genetic mapping of 18S ribosomal RNA-related loci to mouse chromosome 5, 6, 9, 12, 17, 18, 19, and X, Mammalian Genome, 7:886-889, 1996
		ML	Sambrook et al., Molecular Cloning: A Laboratory Manual, Volume 1. 2d Ed., Cold Sprin Harbor Laboratory Press,, Section 2.18 (1989)
		ММ	Sanes et al., Use of a recombinant retrovirus to study post-implantation cell lineage in mouse embryos, EMBO J. 5(12):3133-3142 (1986)
/ ## IT	1	MN	Sanford, et al., "General Protocol for Microcell-Mediated Chromosome Transfer", Somati Cell and Molecular Genetics, 13:(3)279-284, (1987).
			04:

EXAMINER AN Martin Should DATE CONSIDERED \$/13/99

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

		Then the thorough the transfer to the transfer
## 	MO	Sang, et al., "Transgenic chickens - methods and potential application", <i>TIBTECH</i> 12:415-420.
	MP	Sanger et al., Cloning in single-stranded bacteriophage as an aid to rapid DNA sequencing, J. Mol. Biol. 143:161-178 (1980)
	МО	Saxon et al., Selective transfer of individual human chromosomes to recipient cells, Mol. Cell. Biol. 1:140-146 (1985)
	MR	Schedl et al., A method for the generation of YAC transgenic mice by pronuclear microinjection, Nuc. Acids Res. 21:4783-4787 (1993)
##	MS	Schneider et al., Procedure for production of hybrid genes and proteins and its use in assessing significance of amino acid differences in homologous tryptophan synthetase α polypeptides, <i>Proc. Natl. Acad. Sci, USA</i> 78(4):2169-2173.
	МТ	Scientists report a major step in ralizing the commercial potential of engineered artificial chromosomes in significant life sciences sectors, including gene therapy, <i>Chromos Molecular Systems - News Release</i> (May 29, 1996) (available at http://www.chromos.com/contents.html)
	ми	Selig <i>et al.</i> , Regulation of mouse satellite DNA replication time, <i>EMBO J.</i> 7:419-426 (1988)
##	MV	Sher, et al., "Role of T-Cell derived cytokines in the downregulation of immune responses in parasitic and retroviral infection", <i>Immunolical Reviews</i> (127)183-204, (?)
##	MW	Shizuya, <i>et al.</i> , Cloning and stable maintenance of 300-kilobase-pair fragments of human DNA in <i>Escherichia coli</i> using an F-factor-based vector, <u>Proc. Natl. Acad. Sci. USA</u> , <u>89</u> :8794-8797, 1992
##	MX	Shwarchuk, et al., Substructure in the radiation survival response at low dose: asynchronous and partially synchronized V79-WNRE cells, Int. J. Radiat. Biol., 64(5):601-612, 1993
##	МТ	Sillar and Young, A new method for the preparation of metaphase chromosomes for flow analysis, <u>J. Histo. Cytoch.</u> , <u>29</u> :74-78, 1981
##	MZ	Smith, et al., "Amplification of large artificial chromosomes", Proc. Natl. Acad. Sci. USA, 87:8242-8246, (1990).
	NA	Smith et al., Distinctive chromosomal structures are formed very early in the amplification of CAD genes in Syrian hamster cells, Cell 63:1219-1227 (1990)
	NB	Solus et al., Characterization of single-copy probe from vicinity of centromere of human chromosome 1, Somatic Cell Mol. Genet. 14: 381-391 (1988)

EXAMINER JAN Marty DATE CONSIDERED \$/13/99

EXAMINET: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

			The state of the s
##	M	NC	Sternberg, Bacteriophage P1 cloning system for the isolation, amplification, and recovery of DNA fragments as large as 100 kilobase pairs, <i>Proc. Natl. Acad. Sci. USA</i> 87:103-107 (1990).
##		ND	Stoehr, et al., A reliable preparation of mono-dispersed chromosome suspensions for flow cytometry, <u>Histochemistry</u> , <u>74</u> :57-61, 1982
##		NE	Strauss, "Transfection of Mammalian Cells via Lipofection", <i>Meth Biol</i> 54:307-327, (1996).
	/	NF	Strojek <i>et al.</i> The use of transgenic animal techniques for livestock improvement, <u>Genetic Engineering</u> : <u>Principles and Methods 10:</u> 221-246, (1988).
##		NG	Stubblefield and Wray, Isolation of specific human metaphase chromosomes, <u>Bioch. and Biophys. Res. Commun.</u> , <u>83</u> (4):1404-1414, 1978
		NH	Sugden <i>et al.</i> , A vector that replicates as a plasmid and can be efficiently selected in B-lymphoblast transformed by Epstein-Barr virus, <i>Mol. Cell. Biol. 5</i> :410-413 (1985)
		NI	Sumner, Scanning electron microscopy of mammalian chromosomes from prophase to telophase. <i>Chromosoma 100:</i> 410-418 (1991)
		NJ	Sumner, A simple technique for demonstrating centromeric heterochromatin, <i>Cell Res.</i> 75:304-306 (1972)
##		NK	Sun et al., Human artificial episomal chromosomes for cloning large DNA fragments in human cells, Nature Genetics 8:33-41 (1994).
##		NL	Szybalska, et al., "DNA-Mediated heritable transformation of biochemical trait", Proc. N.A.S. 48:2026-2034, (1962).
		NM	Szybalsky et al. Genetic studies with human cell lines, Natl. Cancer Inst. Monogr. 7:75-89 (1982)
		NN	Tamura et al., Microinjection of DNA into early embryo of Bombyx mori, Bio Ind. 8:26-31 (1991) (Chemical Abstracts # 114(21)200502z)
##		NO	Taylor et al., Analysis of extrachromosomal structures containing human centromeric alphoid satellite DNA sequences in mouse cells, Chromosoma 105: 70-81 (1996)
		NP	Taylor et al., Analysis of extrachromosomal structures containing human centromeric alphoid satellite DNA sequences in mouse cells, Chromosoma 105: 70-81 (1996)
##		NQ	Teifel, et al., "New Lipid Mixture for Efficient Lipid-Mediated Transfection of BHK Cells", Biotechniques 19:79-82, (1995).
	## ## ## ##	## / / ## ## ## ## ## ## ## ## ## ## ##	## ND ## NE ## NE ## NF ## NG NH NI NI NJ ## NK ## NL NM NN NN NN H# NO NP

EXAMINED JUN Martin DATE CONSIDERED \$/13/99

EXAMINED. Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

-FORM-PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT HADLACZKY <u>et al.</u>	
STATEMENT	FILING DATE June 12, 1998	GROUP 1632

_		The transfer that the transfer that the transfer the transfer that the transfer the transfer that the
DM	NR	Toledo et al., Co-amplified markers alternate in megabase long chromosomal inverted repeats and cluster independently in interphase nuclei at early steps of mammalian gene amplification, EMBO J. 11:2665-2673 (1992)
##	NS	Tomizuka <i>et al.</i> , Functional expression and germline transmission of a human chromosome fragment in chimaeric mice, <u>Nature Genetics</u> 16:133-143 (1997)
	NT	Tonghua et al., Effects of antisense epidermal growth factor and its receptor retroviral expression vectors on cell growth of human pancreatic carcinoma cell line, Chin. Med. J. (Beijing, Engl. Ed.) 108:653-659 (1995)
##	NU	Tora, et al., "Cell-specific activity of a GGTCA half-palindromic oestrogen-responsive element in the chicken ovalbumin gene promoter", <i>The EMBO Journal 7:</i> (12)3771-3778, (1988).
##	NV	Torczynski et al., Cloning and sequencing of a human 18S ribosomal RNA gene, DNA 4 (4): 283-291 (1985)
	NW	Torczynski et al., Cloning and sequencing of a human 18S ribosomal RNA gene, DNA 4 (4): 283-291 (1985)
	NX	Transfection of DNA into eukaryotic cells, Current Protocols in Molecular Biology, Vol. 1, Wiley Inter-Science, Supplement 14, Unit 9.1.1-9.1.9 (1990)
##	NY	Traver et al., Rapid screening of a human genomic lubrary in yeast artificial chromosomes for single-copy sequences, <u>Proc. Natl. Acad. Sci. USA</u> 86:5898-5902 (1989)
	NZ	Tyler-Smith <i>et al.</i> , Mammalian chromosome structure, <u>Curr. Opin. Genet. Devt. 3</u> : 390-397 (1993)
##	OA	Tyler-Smith et al., Mammalian chromosome structure, <u>Curr. Opin. Genet. Devt. 3</u> : 390-397 (1993)
	ОВ	Uchimiya et al., Transgenic plants, J. Biotechnol. 12: 1-20 (1989)
##	ос	Van den Engh, et al., Preparation and bivariate analysis of suspensions of human chromosomes, Cytometry, 6:92-100, 1985
##	OD	Van den Engh, et al., Improved resolution of flow cytometric measurements of Hoechst- and Chromomycin-A3-stained human chromosomes after addition of citrate and sulfite, Cytometry, 9:266-270, 1988
##	OE	Van den Engh, et al., Preparation of chromosomes suspensions for flow cytometry, Cytometry , 5 :108-117, 1984
۲##	OF	Van Dilla, et al., Human chromosome-specific DNA libraries: Construction and availability, Bio/Technology, 4:537-552, 1986

EXAMINER (in Martin DATE CONSIDERED 8/13/99

FORM-PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT HADLACZKY <u>et al.</u>		
	FILING DATE June 12, 1998	GROUP 1632	

		The Art (including Addition, Title, Date, Perlinent Pages, Etc.)
J DM	og	Vig and Richards, Formation of primary constriction and heterochromatin in mouse does not require minor satellite DNA, Exp. Cell Res. 201:292-298 (1992)
	ОН	Wang and Fedoroff, Banding of human chromosomes treated with trypsin, <i>Nature</i> 235:52-54 (1972)
##	OI	Waring, et al., "Nucleotide sequence repetition: A rapidly reassociating fraction of mouse DNA", Science 154:791-794, (1966).
##	OJ	Weber et al., Formation of genes coding for hybrid proteins by recombination between related, cloned genes in <i>E. coli</i> , <i>Nuc Acids Res</i> , 11(16):5661-5669 (1983).
	ок	Weinberg, Tumor suppressor genes, Science 254:1138-1146 (1991)
	OL	White et al., A frame-shift mutation in the cystic fibrosis gene, Nature 344:665-667 (1990)
	ОМ	Why are MACs in vogue, <i>Chromos Molecular Systems - News Release</i> (May 29, 1996) (available at http://www.chromos.com/contents.html)
	ON	Wigler et al., DNA-mediated transfer of the adenine phosphoribosyltransferase locus into mammalian cells, <i>Proc. Natl. Acad. Sci. USA 76</i> :1373-1376 (1979)
	00	Willard, Chromosome manipulation: a systematic approach toward understanding human chromosome structure and function, <u>Proc. Natl. Acad. Sci. USA 93</u> :6847-6850 (1996)
	OP	Willard and Waye, Hierarchical order in chromosome specific human alpha satellite DNA, Trends Genet. 3:192-198 (1987)
	00	Williams and Blattner, Construction and characterization of the hybrid bacteriophage lambda charon vectors for DNA cloning, <i>J. Virol. 29</i> :555-575 (1979)
## OR OS OT OU	Wilmut, et al., Viable offspring derived from fetal and adult mammalian cells, Nature, 385:810-813, 1997	
	Wong et al., Sequence organisation and cytological localization of the minor satellite of mouse, Nucl. Acids Res. 16:11645-11661 (1988)	
	Yamada et al., Multiple chromosomes carrying tumor suppressor activity for a uterine endometrial carcinoma cell line identified by microcell-mediated chromosome transfer, Oncogene 5:1141-1147 (1990)	
	Yates et al., A cis-acting element from the Epstein-Barr viral genome that permits stable replication of recombinant plasmids in latently infected cells, <i>Proc. Natl. Acad. Sci. USA</i> 81:3806-3810 (1984)	
M	ov	Yates et al., Stable replication of plasmids derived from Epstein-Barr virus in various mammalian cells, Nature 313:812-815 (1985)

EXAMINER (MATERIAL DATE CONSIDERED \$/13/99

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-402A	SERIAL NO. 09/096,648
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT HADLACZKY <u>et al.</u>	
	FILING DATE June 12, 1998	GROUP 1632

	0	THER ART (Including Author, Title, Date, Pertinent Pages, Etc.)
T DM	ow	Yeung et al., Human CD4-major histocompatibility complex class II (Dqw6) transgenic mice in an endogenous CD4/CD8-deficient background: reconstitution of phenotype and humano-restricted function, <i>J. Exp. Med. 180</i> :1911-1920 (1994)
	ОX	Yoon, et al., Mapping of replication initiation sites in human ribosomal DNA by Nascent-Strand abundance analysis, Mol. Cell. Bio., p. 2482-2489, May 1995
	OY	Yurov, Identification and characterization of two distinct polymorphic a-satellite DNA sequences from centromeric regions of the chromosomes 13 and 21 (A2299), Cytogenet. Cell Genet. 51:1114 (1989)
	OZ	Yurov, Collection of α -satellite DNA probes: Highly polymorphic markers for centromeric regions of all human chromosomes (A2298), Cytogenet. Cell Genet. 51:1114 (1989)
##	PA	Zang, et al., "Production of recombinant proteins in Chinese hamster ovary cells using a protein-free cell culture medium", Bio/Technology 13:389-392, (1995).
##	РВ	Zemskova and Escher, IAP DNA sequences and mouse chromosome instability, Loma Linda University APC Conference, March, 1997
##	PC	Zhang, et al., "T-Cell cytokine responses in human infection with Mycobacterium tuberculosis", Infection and Immunity, p. 3231-3234, (1995).
		·

EXAMINED JU MANTIN DATE CONSIDERED \$13/97

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.